LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112818\
Data File : BG038206.D
Acq On : 28 Nov 2018 19:13
Operator : JU/SJ
Sample : J6079-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : J-2

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.168	315	320	327	rVB2	23314	39584	2.57%	0.410%
2	5.632	392	399	408	rBV	367981	633332	41.07%	6.563%
3	7.230	662	671	683	rBV	418450	785927	50.97%	8.144%
4	7.612	728	736	744	rBV	382160	684153	44.37%	7.089%
5	8.082	810	816	826	rVB	112119	199703	12.95%	2.069%
6	8.405	864	871	881	rBV	286283	508174	32.96%	5.266%
7	9.263	1009	1017	1027	rBV	259080	472932	30.67%	4.901%
8	10.902	1289	1296	1306	rVB	163029	314136	20.37%	3.255%
9	13.340	1704	1711	1720	rBV	686313	1097518	71.18%	11.373%
10	14.163	1846	1851	1858	rBV	41930	66297	4.30%	0.687%
11	14.721	1939	1946	1956	rBV2	269795	451405	29.28%	4.678%
12	16.208	2192	2199	2217	rBV	426184	695968	45.14%	7.212%
13	17.471	2407	2414	2422	rBV	334918	532486	34.53%	5.518%
14	20.068	2850	2856	2865	rBV	1160419	1541928	100.00%	15.978%
15	21.349	3068	3074	3080	rBV3	20475	39119	2.54%	0.405%
16	21.601	3113	3117	3124	rVB2	18895	29599	1.92%	0.307%
17	21.754	3136	3143	3152	rBV2	323691	587176	38.08%	6.085%
18	21.895	3163	3167	3174	rVB2	28585	41926	2.72%	0.434%
19	22.512	3267	3272	3278	rBV	38256	63488	4.12%	0.658%
20	23.217	3386	3392	3400	rBV	44077	89198	5.78%	0.924%
21	23.411	3421	3425	3433	rVB2	9186	18838	1.22%	0.195%
22	24.045	3525	3533	3541	rVB2	40089	91712	5.95%	0.950%
23	25.015	3690	3698	3700	rBV4	33723	70707	4.59%	0.733%
24	25.080	3701	3709	3729	rVB3	135102	481004	31.19%	4.984%
25	26.178	3885	3896	3903	rBV5	23034	69567	4.51%	0.721%
26	27.565	4124	4132	4147	rVB8	12273	44414	2.88%	0.460%

Sum of corrected areas: 9650291

LSC Report - Integrated Chromatogram

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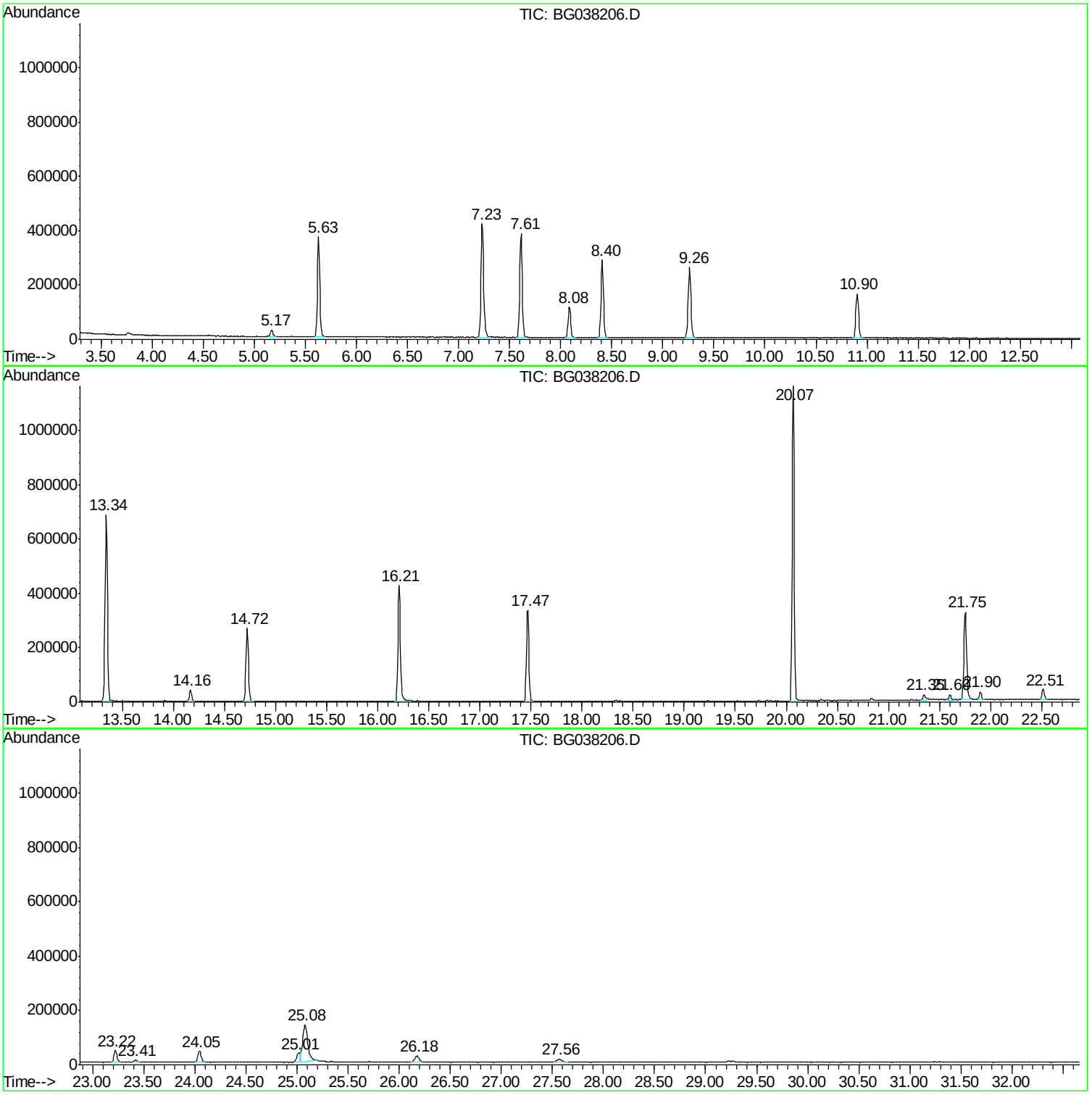
Instrument : BNA_G
ClientSampleId : J-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

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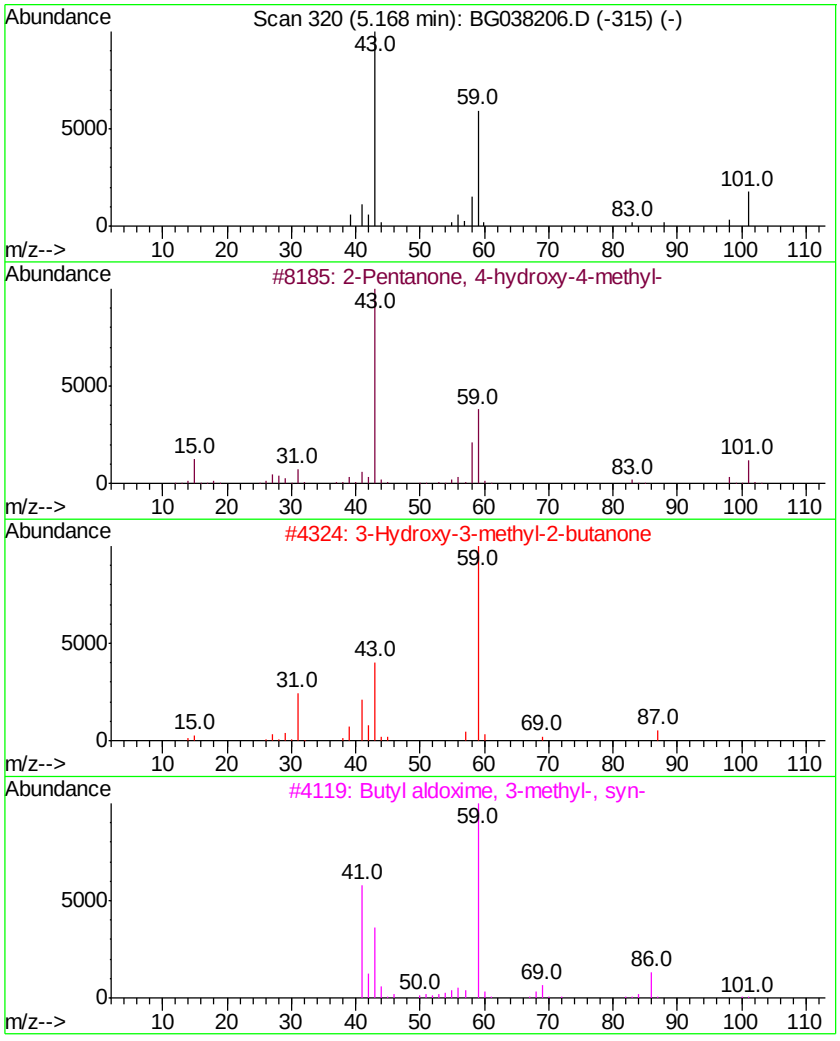
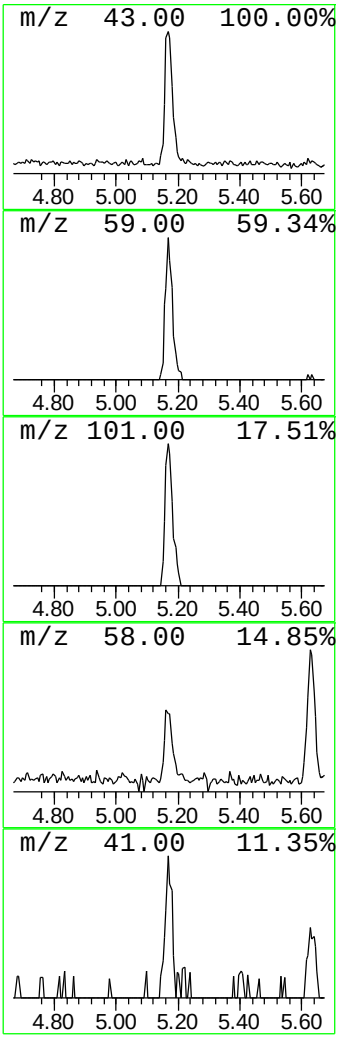
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.17	3.96 ng	39584	1,4-Dichlorobenzene-d4	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	23
3	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	9
4	t-Butyl nitrite	103	C4H9NO2	000540-80-7	9
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9





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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : J-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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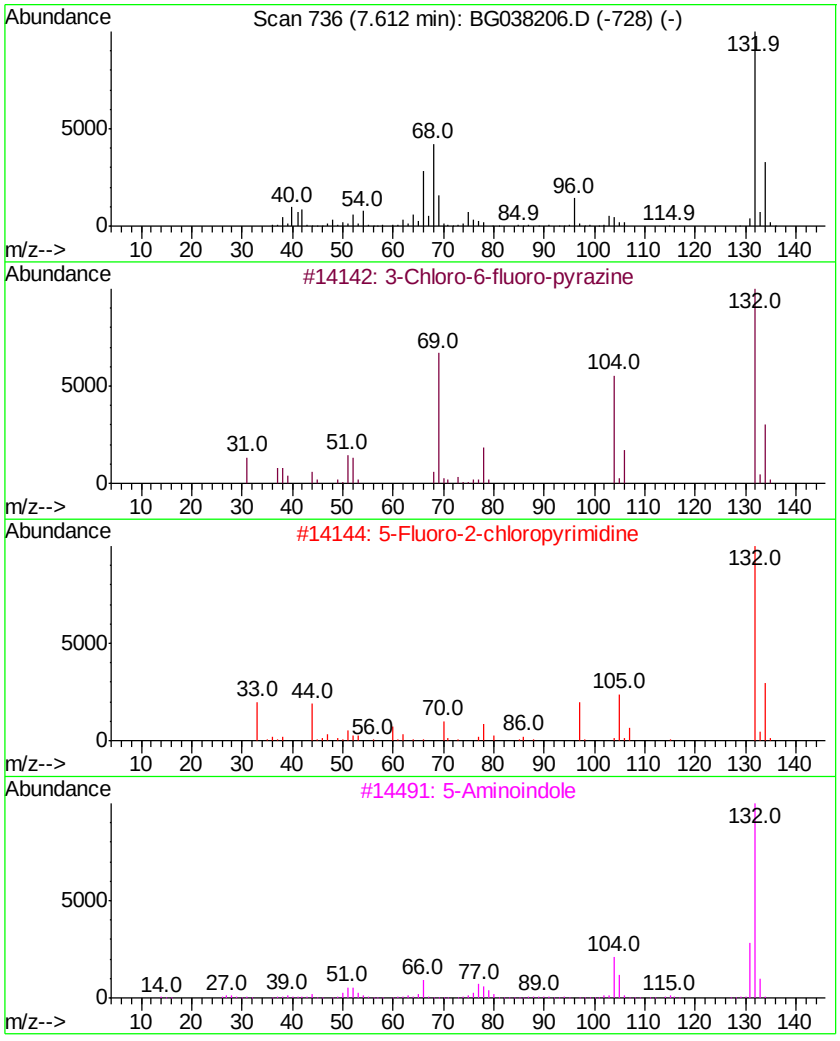
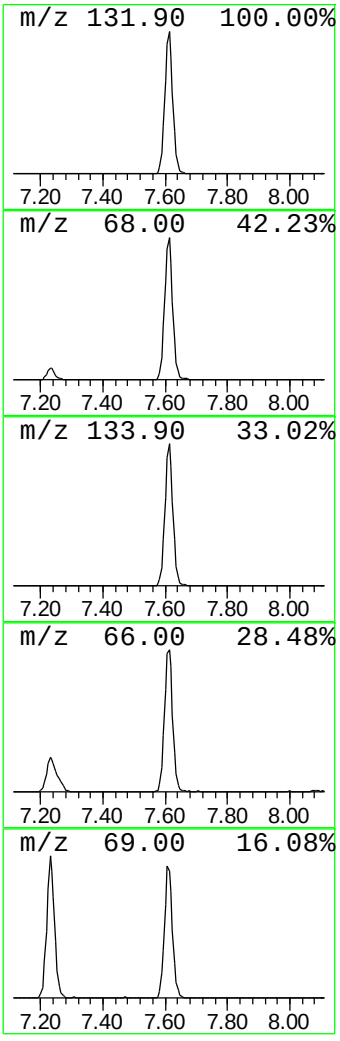
Peak Number 2 unknown7.61 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	68.52 ng	684153	1,4-Dichlorobenzene-d4	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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Instrument : BNA_G
ClientSampleId : J-2

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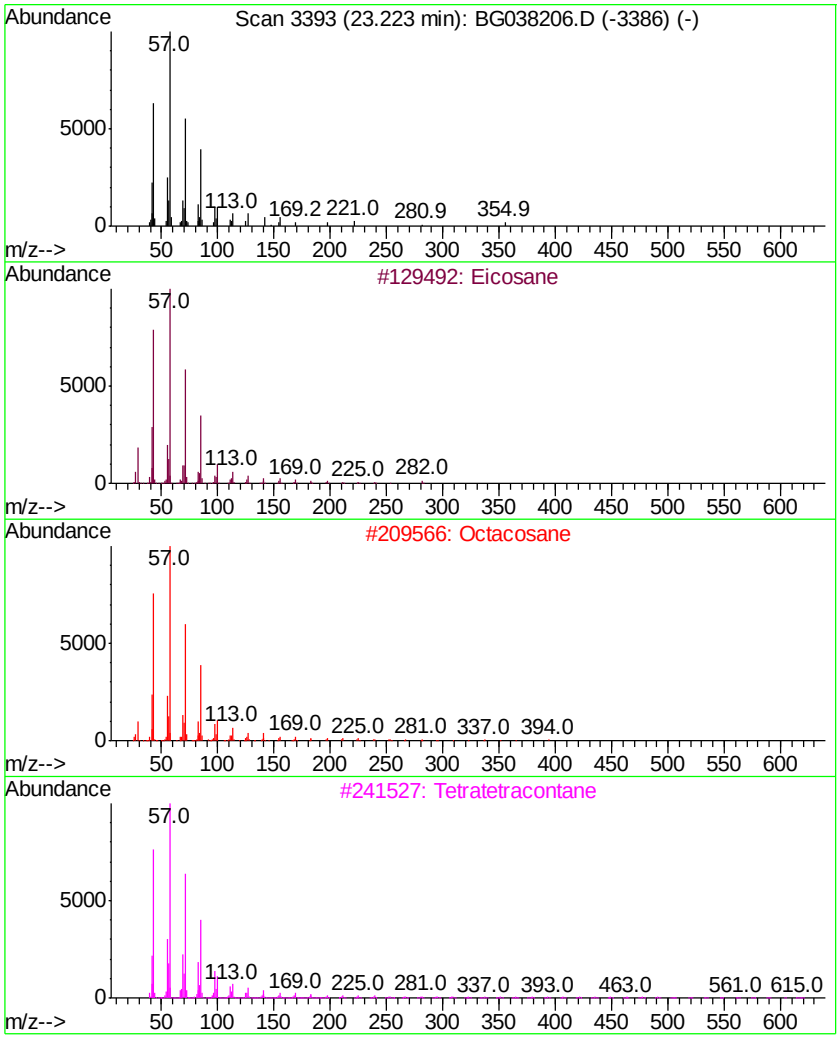
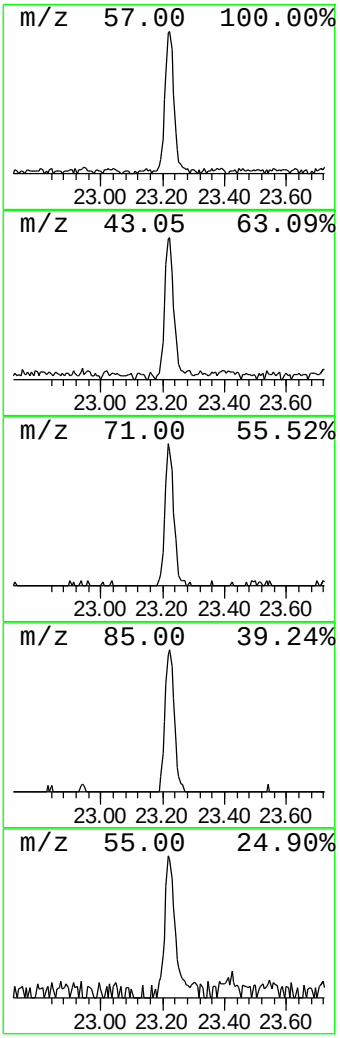
Peak Number 5 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.22	3.04 ng	89198	Chrysene-d12	21.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Octacosane	394	C28H58	000630-02-4	90
3	Tetratetracontane	619	C44H90	007098-22-8	90
4	Heptacosane	380	C27H56	000593-49-7	90
5	Heneicosane	296	C21H44	000629-94-7	87





Library Search Compound Report

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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : J-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.M
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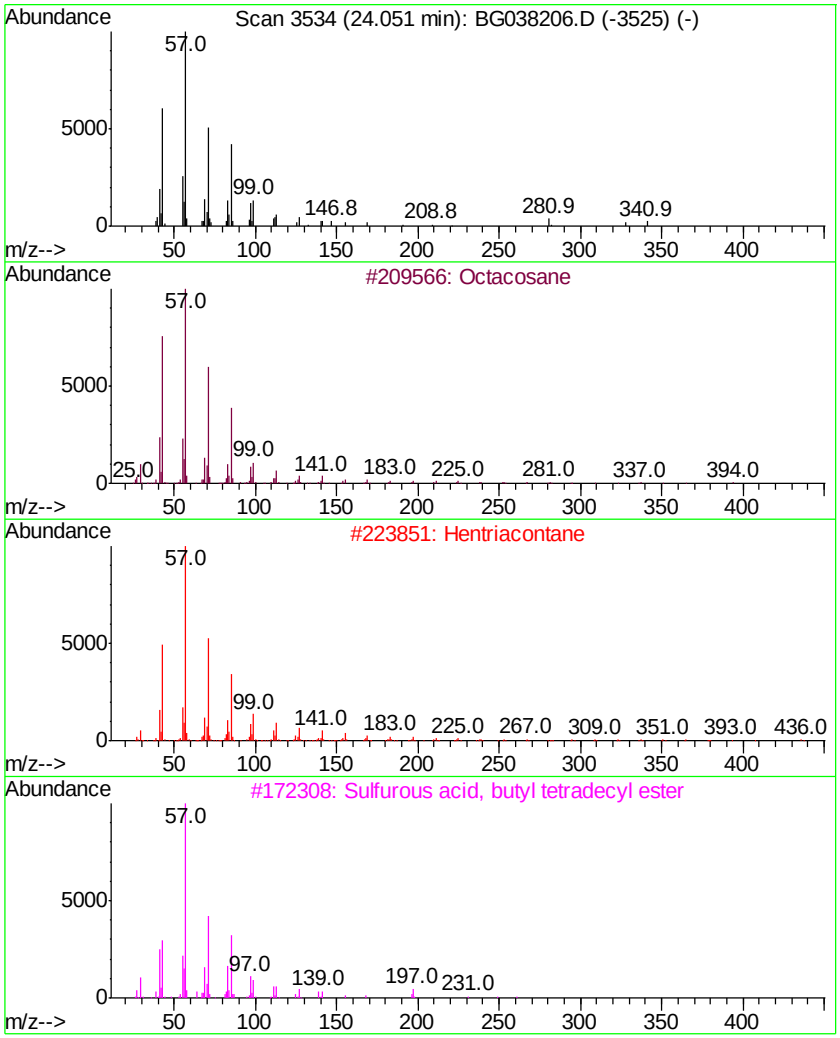
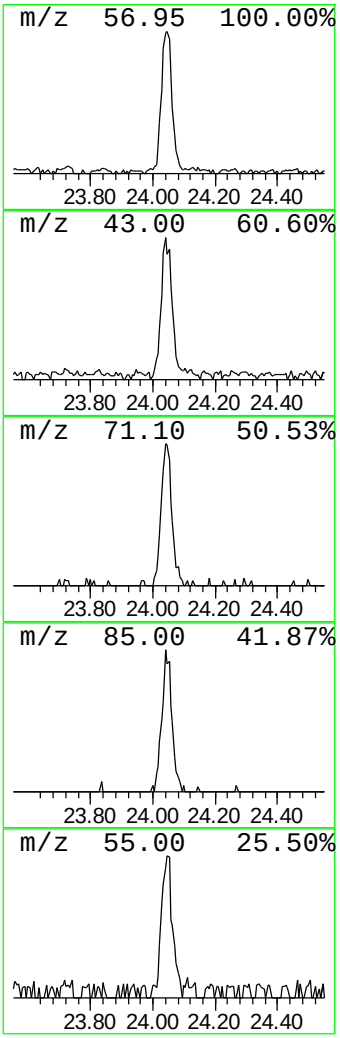
Peak Number 6 Octacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.05	3.81 ng	91712	Perylene-d12	25.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Hentriacontane	437	C31H64	000630-04-6	91
3	Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1000309-18-1	91
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
5	Heptacosane	380	C27H56	000593-49-7	87





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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : J-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.M
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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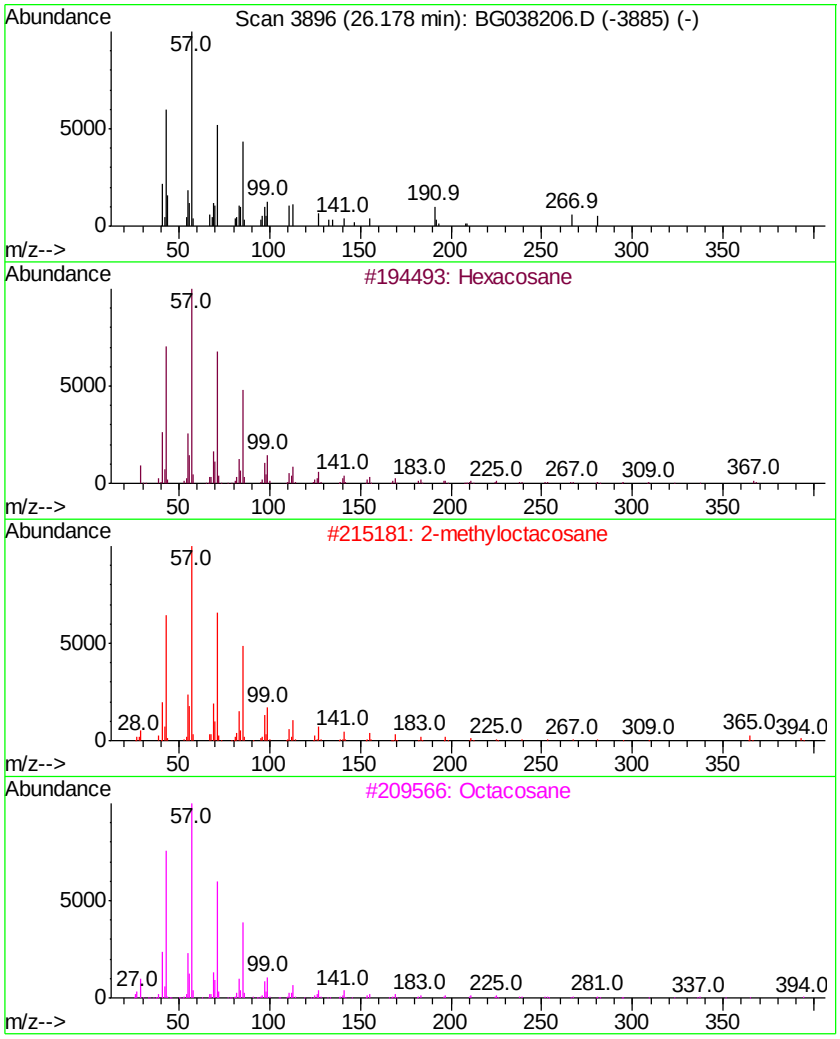
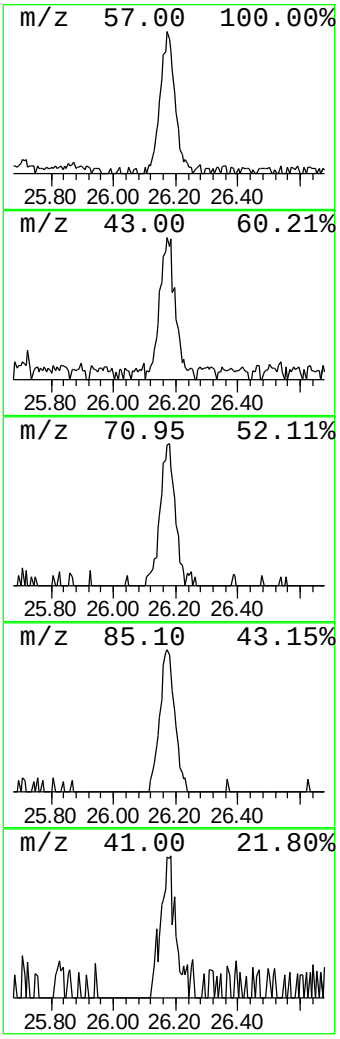
Peak Number 8 Hexacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.18	2.89 ng	69567	Perylene-d12	25.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	83
2	2-methyloctacosane	408	C29H60	1000376-72-8	80
3	Octacosane	394	C28H58	000630-02-4	74
4	Heptadecane	240	C17H36	000629-78-7	72
5	Octadecane	254	C18H38	000593-45-3	72





Tentatively Identified Compound (LSC) summary

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Instrument : BNA_G
ClientSampleId : J-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.17	4.0	ng	39584	1	8.09	199703	20.0
unknown7.61	7.61	68.5	ng	684153	1	8.09	199703	20.0
Eicosane	23.22	3.0	ng	89198	5	21.75	587176	20.0
Octacosane	24.05	3.8	ng	91712	6	25.08	481004	20.0
Hexacosane	26.18	2.9	ng	69567	6	25.08	481004	20.0